

## Boring Log

**Kennedy/Jenks Consultants**

[illegible]

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 40</b>						Boring Name <b>2BB-1-1A</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Stewart King</b>			Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>			Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>5/6/97</b>	DATE COMPLETED <b>5/6/97</b>

Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					12.4		ML	5YR 4/3	Concrete, 8" Clayey SILT: brown, medium stiff, damp, slightly plastic, trace of fine sand
					12.4			10YR 5/6	yellowish brown, less clay, trace of fine sand
					12.4				increasing clay
					10				Boring terminated at 10.5 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 40</b>						Boring Name <b>2BB-1-2</b>	
DRILLING COMPANY <b>Precision Sampling</b>				DRILLER <b>Stewart King</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>				DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>5/6/97</b>	DATE COMPLETED <b>5/6/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Void Space Reading (ppm)					
				4.1		ML	5YR 4/3	Concrete, 8"	Clayey SILT: brown, medium stiff, damp, non-plastic, trace of fine sand
				12.4					
				12.4			10YR 5/6	yellowish brown, less clay	
					10				Boring terminated at 10.5 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 41</b>					Boring Name <b>2BB-1-3</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/9/97</b>	DATE COMPLETED <b>4/9/97</b>

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					2.0		ML	10YR 3/4	Concrete, 6" Clayey SILT: dark yellow brown, firm, moist
					4.7		ML	10YR 3/3	SILT with Sand: dark brown, fine sand, trace of clay, firm, moist
					5		ML	10YR 3/6	Clayey SILT: dark yellow brown, stiff, slightly moist
					4.8			10YR 5/6	yellow brown, very stiff, dry, some fine sand
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 41</b>					Boring Name <b>2BB-1-4</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/17/97</b>	
					TOTAL DEPTH <b>50.5 feet</b>	
					DATE COMPLETED <b>4/17/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
			2	0		SC	5YR 5/6	Concrete, 6"
			2			CL	5YR 3/2	Clayey SAND: yellowish red, very loose to loose, damp, fine to coarse, trace of gravel
			6					Sandy CLAY: dark reddish brown, soft to medium stiff, damp, slightly plastic, fine sand
			1	0		ML	5YR 4/4	Clayey SILT: reddish brown, soft to medium stiff, moist, slight plasticity
			3					
			6					
			4	31.9		SC	5YR 4/4	Clayey Fine SAND: reddish brown, medium stiff to stiff, moist, moderately plastic
			7					
			9					
			3	39.5				
			3					
			5					
			3	22.9		CL	5YR 4/3	Silty CLAY: reddish brown, medium stiff, moist, moderately plastic
			5					
			9					
			4	89.5		ML	2.5YR 4/4	Clayey SILT: reddish brown, medium stiff, moist, moderately to slightly plastic
			5					
			7					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 41</b>					Boring Name <b>2BB-1-4</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					TOTAL DEPTH <b>50.5 feet</b>	
					DATE STARTED <b>4/17/97</b>	
					DATE COMPLETED <b>4/17/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blow/foot)	Head Space (feet)					
					45	ML	2.5YR 4/4	Clayey SILT (continued): reddish brown, soft to medium stiff, moist, moderately to slightly plastic	
			4 7 12	39.4	50	SP	2.5Y 5/6	SAND: light olive brown, medium dense, moist, fine, trace of silt	
								Boring terminated at 50.5 feet.	
					55				
					60				
					65				
					70				
					75				
					80				

# Boring Log

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BORING LOCATION <b>Area 1, Building 41</b>						Boring Name <b>2BB-1-5</b>	
DRILLING COMPANY <b>Water Development</b>				DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>				DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>4/17/97</b>	DATE COMPLETED <b>4/17/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space (inches)					
			2 2 9	14.5		CL	2.5YR N2.5	Asphalt, 4" Silty CLAY: reddish black, soft to stiff, moist, medium plasticity	
			2 3 7	31.2	5	CL	7.5YR 4/4	Silty CLAY: brown, medium stiff, damp, moderately plastic	
			4 7 10	10.4	10	ML	7.5YR 4/4	Clayey SILT: brown, medium stiff, damp, slightly plastic, trace of fine sand	
			3 6 7	56.2	20		2.5YR 4/4	reddish brown	
			3 4 5	31.2	30	CL	2.5YR 4/4	Silty CLAY: reddish brown, medium stiff, moist, moderately plastic, trace of fine sand	
			3 7 9	60.4	40	SC	5YR 4/4	Clayey Fine SAND: reddish brown, medium dense, moist, slightly plastic	

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 41</b>					Boring Name <b>2BB-1-5</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/17/97</b>	
					TOTAL DEPTH <b>50.5 feet</b>	
					DATE COMPLETED <b>4/17/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (in)					
					45	SC	5YR 4/4	Clayey Fine SAND (continued): reddish brown, medium dense, moist, slightly plastic	
			3 11 15	14.5	50	SP	5YR 5/8	SAND: yellowish red, medium dense, moist, fine, trace of clay	
								Boring terminated at 50.5 feet.	
					55				
					60				
					65				
					70				
					75				
					80				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION					Boring Name <b>2BB-1-6</b>	
Area 1, Building 41			DRILLING COMPANY		DRILLER	
Water Development			Gary Whitley		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S)			DRILL BIT (S) SIZE		Project Number <b>974002.00</b>	
CME-85, Hollow Stem Auger			8 inches			
DEPTH TO WATER					ELEVATION	TOTAL DEPTH
Not Encountered					Not Surveyed	50.5 feet
LOGGED BY					DATE STARTED	DATE COMPLETED
D. Schneeberger					4/17/97	4/17/97

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)					
			3	18.7		CL	5YR 3/2	Asphalt, 4" Sandy CLAY: dark reddish brown, soft, moist, moderately plastic, medium to fine sand
			2					
			4					
			3	27.0	5			medium stiff, very moist
			3					
			3					
			9					
			3	18.7	10	ML	2.5YR 4/4	Clayey SILT: reddish brown, medium stiff, moist, moderately to slightly plastic
			4					
			10					
			3	177	20			
			4					
			10					
			3	239	30	CL	2.5YR 4/4	Silty CLAY: reddish brown, stiff, moist, slightly plastic, trace of fine sand
			5					
			11					
			3	231	40	ML	5YR 4/4	Clayey SILT: reddish brown, stiff, damp, moderately to slightly plastic, trace of fine sand
			5					
			12					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 41</b>					Boring Name <b>2BB-1-6</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/17/97</b>	
					TOTAL DEPTH <b>50.5 feet</b>	
					DATE COMPLETED <b>4/17/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space (ft)					
					45	ML	5YR 4/4	Clayey SILT (continued): reddish brown, stiff, damp, moderately to slightly plastic, trace of fine sand	
			3 6 14	1000	50	SP	2.5Y 5/6	SAND: light olive brown, medium dense, damp, fine, trace of silt	
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 45</b>					Boring Name <b>2BB-1-7</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					TOTAL DEPTH <b>10 feet</b>	
					DATE STARTED <b>4/9/97</b>	
					DATE COMPLETED <b>4/9/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (ft)					
			2.0			ML	2.5Y 4/4	Concrete, 6" Clayey SILT: olive brown, firm, moist, with a 1" lense of fine sand
			2.4	5			10YR 4/6	dark yellow brown, very stiff, slightly moist
							10YR 5/6	yellow brown, some fine sand, firm, slightly moist
			3.4			SM	2.5Y 5/3	Silty SAND: light olive brown, fine, loose, dry
				10				Boring terminated at 10 feet.
				15				
				20				
				25				
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 45</b>						Boring Name <b>2BB-1-8</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>				DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>						DATE STARTED <b>4/9/97</b>	DATE COMPLETED <b>4/9/97</b>

Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					0		ML	10YR 4/2	Concrete, 6" Clayey SILT: dark gray brown, stiff, slightly moist
					3.1			2.5Y 4/4	olive brown, firm, moist
					5			10YR 4/6	dark yellow brown, very stiff, slightly moist
					3.5		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, some clay, stiff, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

## Boring Log

**Kennedy/Jenks Consultants**

BORING LOCATION					Boring Name				
Area 1, Building 45					2BB-1-9				
DRILLING COMPANY			DRILLER		Project Name				
Quaternary Investigations			Joe Abreau		Douglas Aircraft				
DRILLING METHOD (S)			DRILL BIT (S) SIZE		Project Number				
Earth Probe			1.5 inches		974002.00				
DEPTH TO WATER					ELEVATION	TOTAL DEPTH			
Not Encountered					Not Surveyed	10 feet			
LOGGED BY					DATE STARTED	DATE COMPLETED			
J. Knight					4/9/97	4/9/97			
Driven	Recovered	Collected	Penetration Resistance (lb/inch)	Standard Penetration Test (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					2.3		ML	2.5Y 4/4	Concrete, 6" Clayey SILT with Sand: olive brown, fine sand, firm, moist
					3.8			10YR 3/4	dark yellow brown, decreasing sand
					5			10YR 4/6	dark yellow brown, very stiff, slightly moist
					1.9		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, stiff, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 45</b>					Boring Name <b>2BB-1-10</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/9/97</b>	
					TOTAL DEPTH <b>10 feet</b>	
					DATE COMPLETED <b>4/9/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/ft)	Moisture Content (%)					
					4.3		ML	10YR 3/3	Concrete, 6" Clayey SILT: dark brown, firm, slightly moist
					5.9				
					5			10YR 3/6	dark yellow brown, stiff, slightly moist
								10YR 4/4	dark yellow brown, stiff, slightly moist, some fine sand
					5.9			2.5Y 4/4	olive brown, firm, moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 45</b>					Boring Name <b>2BB-1-11</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/9/97</b>	
					TOTAL DEPTH <b>10 feet</b>	
					DATE COMPLETED <b>4/9/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (Blow/foot)	Head Space Reading (open)					
				5.5		ML	10YR 3/4	Asphalt, 6" Clayey SILT: dark yellow brown, stiff, moist	
				5.3			10YR 3/3	dark brown, slightly moist	
				5			10YR 4/6	dark yellow brown, some fine sand, stiff, slightly moist	
				5.3			2.5Y 4/4	olive brown, stiff, slightly moist	
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 66-1</b>					Boring Name <b>2BB-1-12</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/9/97</b>	
					TOTAL DEPTH <b>10 feet</b>	
					DATE COMPLETED <b>4/9/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (ft)					
				2.7		ML	2.5Y 4/4	Concrete, 6"
				2.8		ML	10YR 4/6	Sandy SILT: olive brown, fine to medium sand, firm, moist, trace of fine gravel and some gray discoloration from 0.8 to 1.1 feet
				5		ML	10YR 3/4	Clayey SILT: dark yellow brown, stiff, slightly moist
				1.7		ML	2.5Y 4/4	SILT with Sand: dark yellow brown, very stiff, slightly moist
				10				Clayey SILT: olive brown, stiff, slightly moist
				15				
				20				
				25				
				30				
				35				
				40				
								Boring terminated at 10 feet.



## Kennedy/Jenks Consultants

**BOE-C6-0097389**

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chromium Recovery Area</b>					Boring Name <b>2BB-1-14</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Stewart King</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					TOTAL DEPTH <b>26 feet</b>	
					DATE STARTED <b>5/5/97</b>	
					DATE COMPLETED <b>5/5/97</b>	

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
									Concrete, 12"
					0		CL	7.5YR 4/3	Sandy CLAY: brown, medium stiff, moist, moderately plastic
					0		CL	7.5YR 3/2	CLAY: dark brown, soft, moist, highly plastic
					5		CL	7.5YR 4/3	Sandy CLAY: brown, stiff, damp, moderately plastic
							SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff, damp
					10		CL	2.5Y 4/3	Silty CLAY: olive brown, medium stiff, damp, slightly plastic
					0		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown
					15		SM	2.5Y 5/4	Silty SAND: light olive brown, medium dense, moist to damp, fine
								2.5Y 4/4	olive brown
					20		ML	2.5Y 4/4	Clayey Fine SAND: light olive brown, medium stiff, damp to moist
					0		CL	2.5Y 5/3	Silty CLAY: light olive brown, stiff, moist, slightly plastic
					25				
									Boring terminated at 26 feet.
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chromium Recovery Area</b>					Boring Name <b>2BB-1-15</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Stewart King</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>5/5/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>5/5/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space (feet)					
					0				Concrete, 12"
					0		CL	5YR 3/3	Sandy CLAY: dark reddish brown, medium stiff, damp, moderately plastic, fine sand
					5				
					0		SC	2.5Y 4/4	Clayey Fine SAND: olive brown, medium stiff, moist, slightly plastic
					10		CL	2.5Y 4/3	Sandy CLAY: olive brown, stiff, moist, moderately plastic, fine sand
					0		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff, damp, slightly plastic
					15		CL	2.5Y 5/4	Silty CLAY: light olive brown, stiff, moist, moderately plastic
					0		SM	2.5Y 5/3	Silty SAND: light olive brown, medium dense, damp, fine
					20				
					0		ML	2.5Y 5/3	Clayey SILT: light olive brown, medium stiff, moist, slightly plastic
					25		CL	2.5YR 4/4	Silty to Sandy CLAY: reddish brown, medium stiff, moist, low plasticity
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chromium Recovery Area</b>					Boring Name <b>2BB-1-16</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Stewart King</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>5/5/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>5/5/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/inch)	Head Space Reading (inches)					
									Concrete, 12"
					0	CL	7.5YR 3/2		Silty CLAY: dark brown, medium stiff, damp, moderately plastic
					0				
					5	CL	2.5Y 4/3		Sandy CLAY: olive brown, medium stiff, moist, moderately plastic, fine sand
						CL	2.5Y 4/3		Silty CLAY: olive brown, medium stiff, moist, moderately plastic, trace of fine sand
						SC	2.5Y 4/3		Clayey Fine SAND: olive brown, stiff, damp, slightly plastic
					10	CL	2.5Y 3/3		Silty CLAY: dark olive brown, medium stiff, moist, slightly plastic
					0		10YR 4/2		dark grayish brown
					15	SM	2.5Y 5/4		Silty SAND: light olive brown, medium dense, moist, fine
					0				
					20	ML	10YR 5/3		Silty Fine SAND: brown, medium stiff, damp
					0	SM	10YR 5/3		Silty SAND: brown, medium dense, damp, fine
					25	CL	10YR 5/3		Silty CLAY: brown, stiff, moist, slightly plastic
					0				
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chromium Recovery Area</b>					Boring Name <b>2BB-1-17</b>																																																																																																																																																												
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Stewart King</b>		Project Name <b>Douglas Aircraft</b>																																																																																																																																																												
DRILLING METHOD (S) <b>XD-1, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>																																																																																																																																																												
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>																																																																																																																																																												
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>5/5/97</b>																																																																																																																																																												
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<table border="1"> <thead> <tr> <th colspan="5">SAMPLES</th> <th rowspan="2">Depth (feet)</th> <th rowspan="2">Lithology</th> <th rowspan="2">USCS Log</th> <th rowspan="2">Munsell Color</th> <th rowspan="2">SOIL DESCRIPTION AND DRILLING REMARKS</th> </tr> <tr> <th>Driven</th> <th>Recovered</th> <th>Collected</th> <th>Penetration (blows/ft)</th> <th>Head Space (feet)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td></td> <td>CL</td> <td>2.5YR 4/4</td> <td>Concrete, 12"</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4.1</td> <td></td> <td></td> <td></td> <td>Silty CLAY: reddish brown, medium stiff, damp, moderately plastic, trace of fine sand</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> <td>CL</td> <td>2.5YR 4/4</td> <td>Sandy CLAY: olive brown, stiff, moist, slightly to moderately plastic, fine sand</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>increasing silt, decreasing sand</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td></td> <td>ML</td> <td>2.5Y 4/4</td> <td>Clayey SILT: olive brown, medium stiff, damp, slightly plastic</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SM</td> <td>2.5Y 5/4</td> <td>Silty SAND: light olive brown, medium dense, moist, damp, fine sand</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>15</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>SC</td> <td>2.5Y 5/4</td> <td>Clayey Fine SAND: light olive brown, medium stiff, damp, slightly plastic</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>25</td> <td></td> <td>CL</td> <td>2.5Y 4/3</td> <td>Silty CLAY: olive brown, stiff, moist, moderately plastic, trace of fine sand</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30</td> <td></td> <td></td> <td></td> <td>Boring terminated at 26 feet.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>35</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>40</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS	Driven	Recovered	Collected	Penetration (blows/ft)	Head Space (feet)						0		CL	2.5YR 4/4	Concrete, 12"						4.1				Silty CLAY: reddish brown, medium stiff, damp, moderately plastic, trace of fine sand						5		CL	2.5YR 4/4	Sandy CLAY: olive brown, stiff, moist, slightly to moderately plastic, fine sand										increasing silt, decreasing sand						10		ML	2.5Y 4/4	Clayey SILT: olive brown, medium stiff, damp, slightly plastic								SM	2.5Y 5/4	Silty SAND: light olive brown, medium dense, moist, damp, fine sand						15										20												SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff, damp, slightly plastic						25		CL	2.5Y 4/3	Silty CLAY: olive brown, stiff, moist, moderately plastic, trace of fine sand																30				Boring terminated at 26 feet.						35										40				
SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS																																																																																																																																																								
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# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chromium Recovery Area</b>					Boring Name <b>2BB-1-18</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/16/97</b>	
					TOTAL DEPTH <b>25 feet</b>	
					DATE COMPLETED <b>4/16/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (lb/inch)	Head Space (ft)					
					0.0	SM	7.5YR 5/8	Concrete, 8"	
					2.0	ML	10YR 3/3	Silty SAND: strong brown, fine, loose, moist	
					5.0		10YR 4/4	Clayey SILT: dark brown, firm, moist	
					2.8		2.5Y 4/4	dark yellow brown, very stiff, slightly moist	
					10.0			olive brown, stiff, slightly moist	
					3.1			some fine sand, firm, moist	
					4.8			no sand, firm, moist	
					4.2	ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, some clay, firm, moist	
					25.0			Boring terminated at 25 feet.	
					30.0				
					35.0				
					40.0				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chemical Etching Area</b>					Boring Name <b>2BB-1-19</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/1/97</b>	DATE COMPLETED <b>4/1/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (feet)					
				0		CL	2.5YR N2.5/1	Asphalt, 6" Silty CLAY: reddish black, medium stiff, moist, moderately plastic
				5		SM	10YR 3/2	very dark gray brown
				5		SM	2.5YR 4/4	Silty SAND: reddish brown, medium dense, moist, fine, trace of clay
				10		SM/SC	2.5YR 4/4	Silty to Clayey Fine SAND: reddish brown, medium stiff, damp, slightly plastic
				15		CL	10YR 4/6	Sandy CLAY: dark yellowish brown, medium stiff, moist to damp, slightly plastic, fine sand
				20		CL	10YR 4/6	Silty CLAY: dark yellowish brown, medium stiff, moist, moderately plastic, trace of fine sand
				25		ML	2.5YR 4/4	SILT: reddish brown, stiff, moist, slightly plastic, trace of clay and fine sand
				30				Boring terminated at 26 feet.
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chemical Etching Area</b>					Boring Name <b>2BB-1-20</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/1/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>4/1/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (ft)					
				22.6	Asphalt, 6"	CL	10YR 3/2	Silty CLAY: very dark grayish brown, medium stiff, moist, slightly to moderately plastic
				2.0		SM	2.5YR 4/4	Silty SAND: reddish brown, medium dense, moist, fine, trace of clay
				56.2		CL	10YR 4/6	Silty CLAY: dark yellowish brown, medium stiff to stiff, moist, trace of fine sand, slightly to moderately plastic
				27.2		CL	10YR 4/6	Sandy CLAY: dark yellowish brown, trace of silt, fine sand
				18.7		CL	10YR 4/6	Silty CLAY: dark yellowish brown, medium stiff, moist, moderately plastic, trace of fine sand
				85.2		ML	2.5YR 4/4	SILT: reddish brown, stiff, moist, slightly plastic, trace of clay
								Boring terminated at 26 feet.



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chemical Etching Area</b>		Boring Name <b>2BB-1-21</b>
DRILLING COMPANY <b>Layne Environmental</b>	DRILLER <b>Reuben Gonzales</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Geoprobe 5400</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>26 feet</b>
		DATE STARTED <b>4/1/97</b>
		DATE COMPLETED <b>4/1/97</b>


SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space (inches)					
					0		CL	2.5YR N2.5/1	Asphalt, 6" Silty CLAY: reddish black, medium stiff, moist, slightly plastic, trace sand
					2.0		SM	2.5YR 4/4	Silty SAND: reddish brown, medium dense, moist, fine sand, trace of clay
					6.2		CL	2.5YR 4/4	Silty CLAY: reddish brown, medium stiff, damp, moderately plastic, trace of fine sand
					2.0		CL	10YR 4/6	Sandy CLAY: dark yellowish brown, medium stiff, moist to damp, slightly to moderately plastic, fine sand
					0		CL	10YR 4/6	Silty to Sandy CLAY: dark yellowish brown, medium stiff, moist, moderately plastic, fine sand
					2.0		ML	2.5YR 4/4	SILT: reddish brown, stiff, moist, slightly plastic, trace of clay and fine sand
									Boring terminated at 26 feet.
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chemical Etching Area</b>						Boring Name <b>2BB-1-22</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>			Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>			Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>4/1/97</b>	DATE COMPLETED <b>4/1/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (lb/in <sup>2</sup> )	Void Space Ratio (%)					
				2.0		CL	2.5YR 4/4	Asphalt, 6"	
				10.4				increasing silt, trace of sand	
				22.9					
				10.4				15	CL
				6.2	20	CL	2.5YR 4/4	CLAY: reddish brown, medium stiff, damp, slightly plastic, trace of sand	
				2.0	25	ML	2.5YR 4/4	SILT: reddish brown, stiff, moist, slightly plastic, trace of sand	
					30			Boring terminated at 26 feet.	
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chemical Etching Area</b>					Boring Name <b>2BB-1-23</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (Blows/foot)					
			2 7 9	0		CL	2.5YR N2.5/1	Asphalt, 6" Silty CLAY: reddish black, medium stiff to stiff, moist, moderately plastic
			8 5 9	2.0		CL	2.5YR N2.5/1	CLAY: reddish black, medium stiff, very moist, moderately to very plastic
			4 5 7	14.5		ML	7.5YR 4/4	Clayey SILT: brown, medium stiff, moist, slightly plastic
			3 3 6	14.5		ML	2.5YR 4/4	Clayey SILT: reddish brown, soft, moist, slightly plastic, trace of fine sand
			12 8 16	27		CL	2.5YR 4/4	Silty CLAY: reddish brown, very stiff, damp, slightly to moderately plastic, trace of fine sand
			3 5 8	52		SC	7.5YR 4/4	Clayey Fine SAND: brown, medium dense, moist, slightly plastic

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Chemical Etching Area</b>					Boring Name <b>2BB-1-23</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Retention Resistance (lb/inch <sup>2</sup> )	Head Space Reading (ft)					
					45	ML	7.5YR 4/4	Clayey Fine SAND (continued): brown, medium dense, moist, slightly plastic	
			4 12 17	35.4	50	SP	5YR 5/8	SAND: yellowish red, medium dense, moist to damp, fine, trace of silt	
								Boring terminated at 50.5 feet.	
					55				
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-24</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)					
			2 4 6	14.5		CL	2.5YR N2.5/1	Asphalt, 6" CLAY: reddish black, medium stiff, moist, moderately plastic, trace of fine to medium sand
			3 7 13	22.9	5	ML	5YR 4/4	Clayey SILT: reddish brown, medium stiff to stiff, damp, trace of fine sand
			4 6 10	22.9	10			trace of fine sand
			3 3 8	35.4	20			decreasing sand
			3 5 7	18.7	30	SC	7.5YR 4/4	Clayey Fine SAND: brown, medium dense, moist, slightly plastic
			3 4 11	43.7	40	ML	5YR 5/6	Clayey SILT: yellowish red, stiff, damp, moderately plastic, trace of fine sand

BORING LOCATION										Boring Name	
Area 1										2BB-1-24	
DRILLING COMPANY					DRILLER					Project Name	
Water Development					Gary Whitley					Douglas Aircraft	
DRILLING METHOD (S)					DRILL BIT (S) SIZE					Project Number	
CME-85, Hollow Stem Auger					8 inches					974002.00	
DEPTH TO WATER										ELEVATION	
Not Encountered										Not Surveyed	
LOGGED BY										TOTAL DEPTH	
D. Schneeberger										50.5 feet	
										DATE STARTED	
										4/18/97	
										DATE COMPLETED	
										4/18/97	
SAMPLES											
Driven	Recovered	Collected	Penetration Resistance (lb/inch)	Head Space (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS		
					45		ML	5YR 5/6	Clayey SILT (continued): yellowish red, stiff, damp, moderately plastic, trace of fine sand		
			4 13 15	18.7	50		SP	5YR 5/8	SAND: yellowish red, medium dense, moist, fine, trace of clay		
Boring terminated at 50.5 feet.											
					55						
					60						
					65						
					70						
					75						
					80						

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>						Boring Name <b>2BB-1-25</b>	
DRILLING COMPANY <b>Water Development</b>				DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>				DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Moisture Content (%)					
			3 3 7	14.5		ML	5YR 3/3	Asphalt, 6" Clayey SILT: dark reddish brown, soft to medium stiff, very moist to wet, slightly plastic	
			4 5 9	0		ML	5YR 4/4	Clayey SILT: reddish brown, medium stiff, moist, slightly plastic, trace of fine sand	
			3 5 5	2.0					
			3 3 6	2.0		SC	5YR 4/4	Clayey Fine SAND: reddish brown, medium stiff, damp, slightly plastic, trace of medium sand	
			4 7 11	2.0			5YR 5/4	reddish brown	
			3 6 7	6.2		ML	5YR 5/6	Clayey SILT: yellowish red, medium stiff, moist, slightly plastic, trace of fine sand	

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-25</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (feet)					
					45	ML	5YR 5/6	Clayey SILT: yellowish red, medium stiff, moist, slightly plastic, trace of fine sand	
					50				
			5 10 15	2.0		SP	5YR 5/8	SAND: yellowish red, medium dense, damp, fine	
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-26</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (feet)					
		5 5 7	0		CL	5YR N2.5/1		Asphalt, 6" Silty CLAY: reddish black, medium stiff, damp, slightly to moderately plastic, trace of fine to medium sand
		3 5 10	0	5	ML	5YR 4/4		Clayey SILT: reddish brown, medium stiff to stiff, damp, slightly plastic
		6 11 18	0	10				
		3 5 6	2.0	20	SM/SC	5YR 5/4		Silty to Clayey Fine SAND: reddish brown, medium stiff, moist to damp, slightly to moderately plastic
		3 6 12	2.0	30	ML	5YR 5/3		Clayey SILT: reddish brown, medium stiff, damp, slightly plastic, trace of fine sand
		8 8 13	10.4	40	SC	5YR 5/4		Clayey Fine SAND: reddish brown, stiff, damp, slightly plastic

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>						Boring Name <b>2BB-1-26</b>	
DRILLING COMPANY <b>Water Development</b>				DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>				DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/ft)	Moisture Content (%)					
			8 12 22	22.9	45	SC	5YR 5/4	Clayey Fine SAND (continued): reddish brown, stiff, damp, slightly plastic	
					50	SP	5YR 5/6	SAND: yellowish red, dense, damp, fine, trace of silt	
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-27</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/8/97</b>	DATE COMPLETED <b>4/8/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (feet)					
				4.1		ML	10YR 5/6 10YR 3/3	Clayey SILT: mottled yellow brown and dark brown, hard, dry	
							10YR 4/4	dark yellow brown, some fine sand, hard, dry	
				5		ML	10YR 5/6	Sandy SILT: yellow brown, fine sand, very stiff, dry	
				5.2		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, dry	
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-27A</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/23/97</b>	DATE COMPLETED <b>4/23/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (feet)					
			2.4		CL	10YR 2/2		Silty CLAY: very dark brown, stiff, slightly moist
			2.7		ML	10YR 5/6		Clayey SILT: yellow brown, stiff, dry
						10YR 3/3		dark yellow brown
						10YR 3/4		dark yellow brown
			3.2			2.5Y 5/4		light olive brown, stiff, slightly moist
				10				Boring terminated at 10 feet.
				15				
				20				
				25				
				30				
				35				
				40				

## Boring Log

**Kennedy/Jenks Consultants**

BORING LOCATION					Boring Name		2BB-1-27B		
Area 1					Project Name		Douglas Aircraft		
DRILLING COMPANY					Project Number		974002.00		
Quaternary Investigations					ELEVATION		Not Surveyed		
DRILLING METHOD (S)					TOTAL DEPTH		10 feet		
Earth Probe					DATE STARTED		4/23/97		
DEPTH TO WATER					DATE COMPLETED		4/23/97		
Not Encountered									
LOGGED BY									
J. Knight									
SAMPLES					SOIL DESCRIPTION AND DRILLING REMARKS				
Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space (feet)	Depth (feet)	Lithology	USCS Log	Munsell Color	
					2.3		ML	10YR 4/6	Clayey SILT: dark yellow brown, stiff, dry
					2.5			10YR 4/4	dark yellow brown, very stiff, dry
					5			10YR 3/6	dark yellow brown, hard, dry
							ML	10YR 4/4	SILT: dark yellow brown, firm, dry
					2.6				
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-28</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/7/97</b>	
					TOTAL DEPTH <b>10 feet</b>	
					DATE COMPLETED <b>4/7/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)					
					13.3	ML	10YR 4/4	Asphalt, 6" Clayey SILT: dark yellow brown, very stiff, dry	
					5		10YR 5/6	yellow brown, hard, dry	
					15.7	ML	10YR 5/6	Sandy SILT: yellow brown, fine sand, hard, dry	
					10			Boring terminated at 10 feet.	
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-29</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/7/97</b>	DATE COMPLETED <b>4/7/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Open	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (inches)					
						ML	10YR 3/4	Asphalt, 6" SILT with Sand: dark yellow brown, fine sand, firm, slightly moist	
					5	ML	10YR 4/3	Clayey SILT: dark yellow brown, stiff, slightly moist	
							10YR 3/6	dark yellow brown, dry	
						ML	10YR 3/6	grades to Sandy SILT: dark yellow brown, fine sand, some clay, stiff, moist	
					10	ML	10YR 4/4	Clayey SILT: dark yellow brown, stiff, slightly moist	
								Boring terminated at 10 feet.	
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-30</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
					TOTAL DEPTH <b>10 feet</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/8/97</b>	
					DATE COMPLETED <b>4/8/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (rpm)					
					3.0		ML	10YR 3/4	Clayey SILT: dark yellow brown, stiff, slightly moist
					4.3				
					5		ML	10YR 4/6	Sandy SILT: dark yellow brown, stiff, dry
					6.7			2.5Y 4/4	olive brown, firm, slightly moist, trace of clay
					10				increasing clay, decreasing sand
					15				Boring terminated at 10 feet.
					20				
					25				
					30				
					35				
					40				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-31</b>																																																																		
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>																																																																		
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>																																																																		
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>																																																																		
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/8/97</b>																																																																		
					TOTAL DEPTH <b>10 feet</b>																																																																		
<table border="1"> <thead> <tr> <th colspan="5">SAMPLES</th> <th rowspan="2">Depth (feet)</th> <th rowspan="2">Lithology</th> <th rowspan="2">USCS Log</th> <th rowspan="2">Munsell Color</th> <th rowspan="2">SOIL DESCRIPTION AND DRILLING REMARKS</th> </tr> <tr> <th>Driven</th> <th>Recovered</th> <th>Collected</th> <th>Penetration Resistance (blow/foot)</th> <th>Head Space Reading (feet)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.0</td> <td></td> <td>ML</td> <td>10YR 3/3</td> <td>Asphalt, 8" Clayey SILT: dark brown, firm, slightly moist</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6.8</td> <td></td> <td>CL</td> <td>10YR 3/6</td> <td>Silty CLAY: dark yellow brown, stiff, moist</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.3</td> <td></td> <td>ML</td> <td>10YR 3/6</td> <td>grades to Clayey SILT: dark yellow brown, very stiff, slightly moist</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.5Y 4/4</td> <td>olive brown, stiff, moist</td> </tr> <tr> <td colspan="10">Boring terminated at 10 feet.</td> </tr> </tbody> </table>							SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS	Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (feet)						5.0		ML	10YR 3/3	Asphalt, 8" Clayey SILT: dark brown, firm, slightly moist						6.8		CL	10YR 3/6	Silty CLAY: dark yellow brown, stiff, moist						5.3		ML	10YR 3/6	grades to Clayey SILT: dark yellow brown, very stiff, slightly moist									2.5Y 4/4	olive brown, stiff, moist	Boring terminated at 10 feet.									
SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS																																																														
Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (feet)																																																																			
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								2.5Y 4/4	olive brown, stiff, moist																																																														
Boring terminated at 10 feet.																																																																							

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-32</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/8/97</b>	DATE COMPLETED <b>4/8/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (ft)					
				1.7	CL	10YR 2/1		Asphalt, 8" Silty CLAY: black, very stiff, slightly moist
				2.4	ML	10YR 3/4		Clayey SILT: dark yellow brown, stiff, slightly moist
				5		10YR 4/6		dark yellow brown, hard, dry
								very stiff, slightly moist
				2.2		10YR 3/6		dark yellow brown, stiff, slightly moist
				10				Boring terminated at 10 feet.
				15				
				20				
				25				
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>		Boring Name <b>2BB-1-33</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>10 feet</b>
		DATE STARTED <b>4/8/97</b>
		DATE COMPLETED <b>4/8/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space Reading (point)					
					2.4		ML	10YR 3/6	Asphalt, 6" Clayey SILT: dark yellow brown, firm, moist
					5			10YR 3/4	dark yellow brown, some fine sand, stiff, moist
								10YR 4/6	dark yellow brown, very stiff, slightly moist
					3.2			2.5Y 4/4	olive brown, hard, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 66-1</b>						Boring Name <b>2BB-1-34</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>				DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>						DATE STARTED <b>4/9/97</b>	DATE COMPLETED <b>4/9/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space (inches)					
				1.9		ML	10YR 3/6	Sandy SILT with CLAY: dark yellow brown, soft, moist, fine to medium sand	
				3.6		ML	10YR 3/4	Clayey SILT: dark yellow brown, soft, moist	
				5		ML	10YR 5/6	Sandy SILT: yellow brown, stiff, moist, fine sand	
				2.4		ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist	
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 66-1</b>					Boring Name <b>2BB-1-35</b>																																																																																																																																															
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>																																																																																																																																															
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>																																																																																																																																															
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>																																																																																																																																															
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/10/97</b>																																																																																																																																															
					TOTAL DEPTH <b>10 feet</b>																																																																																																																																															
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# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 66-1</b>		Boring Name <b>2BB-1-36</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>10 feet</b>
		DATE STARTED <b>4/8/97</b>
		DATE COMPLETED <b>4/8/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (feet)					
					2.4		ML	10YR 3/6	Asphalt, 8" Clayey SILT: dark yellow brown, stiff, slightly moist
					2.2			10YR 4/6	dark yellow brown, very stiff, dry
					5		ML	10YR 4/6	Sandy SILT: dark yellow brown, fine sand, stiff, dry firm, moist
					2.8		ML	2.5Y 4/4	Clayey SILT: olive brown, firm, moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1, Building 66-1</b>		Boring Name <b>2BB-1-37</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>10 feet</b>
		DATE STARTED <b>4/9/97</b>
		DATE COMPLETED <b>4/9/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space in Sample (inches)					
									Concrete, 6" fill
				3.1	5		ML	10YR 4/6	Clayey SILT: dark yellow brown, stiff, slightly moist
								10YR 4/6	very stiff, dry
								2.5Y 5/6	light olive brown
				2.8	10			2.5Y 4/4	olive brown, stiff, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-38</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Paul Henson</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-75, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>7 3/4 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/25/97</b>	
					TOTAL DEPTH <b>50.5 feet</b>	
					DATE COMPLETED <b>4/25/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (feet)					
				0.5		SC	5Y 5/4	Asphalt, 4" Clayey SAND: olive, loose, damp to dry, fine to coarse
				7 10		CL	5Y 3/2	Sandy CLAY: dark olive gray, stiff, damp, moderately plastic, fine sand
				7 9 10				
				1.2				
				5				
				1.3		ML	5Y 4/4	Clayey SILT: olive, very stiff, damp, slightly plastic, trace of very fine sand
				9 19 26			5Y 4/2	olive gray, decreasing clay
				10				
				15				
				0.4		SC	5Y 4/3	Clayey Fine SAND: olive, very stiff, damp, non-plastic
				10 20 36		ML	7.5YR 4/4	Clayey SILT: brown, very stiff to hard, damp, slightly plastic, trace of fine sand
				25		SC	7.5YR 4/4	Clayey Fine SAND: brown, stiff, damp, non-plastic
				1.5		ML	2.5Y 5/6	Clayey SILT: light olive brown, very stiff, damp, slightly plastic, trace of fine sand
				9 17 24				increasing clay
				35		SM	2.5Y 5/4	Silty SAND: light olive brown, medium dense, damp, fine
				2.3		SC	2.5Y 4/4	Clayey Fine SAND: brown, stiff to very stiff, damp, slightly plastic
				8 15 21		SM	2.5Y 5/4	Silty SAND: light olive brown, medium dense, damp, fine
				40		SC	2.5Y 4/4	Clayey Fine SAND: brown, stiff to very stiff, damp, non-plastic



## Boring Log

**Kennedy/Jenks Consultants**

BORING LOCATION <b>Area 1</b>					Boring Name <b>2BB-1-38</b>																																																																																																																																								
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# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-1</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/ft)					
		1	0		CL	5YR 3/2	Asphalt, 6" Silty CLAY: dark reddish brown, very soft to soft, damp to moist, moderate plasticity	
		2						
		3						
		8	14.5	5		5YR 4/4	reddish brown, medium stiff, moist, slightly plastic, trace of fine sand	
		6			SC	7.5YR 4/4	Clayey fine SAND: brown, medium stiff, damp, slightly plastic	
		4	0	10				
		6						
		2	6.2	20				
		3						
		7						
		5	6.2	30	SP	5YR 5/8	SAND: yellowish red, medium dense, damp, fine sand	
		7						
		13						
		10	10.4	40				
		12						
		14						

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-1</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/18/97</b>	DATE COMPLETED <b>4/18/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/ft)	Unit Weight (pcf)					
			4 12 22	6.2	45	SP	5YR 5/8	SAND (continued): yellowish red, loose to medium dense, damp, fine	
					50				
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>		Boring Name <b>2BB-1A-2</b>
DRILLING COMPANY <b>Water Development</b>	DRILLER <b>Gary Whitley</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>	DRILL BIT (S) SIZE <b>8 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>50.5 feet</b>
		DATE STARTED <b>4/21/97</b>
		DATE COMPLETED <b>4/21/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (Resistance) (lb/inch)					
			4 5 9	6.2		CL	5YR 3/2	Asphalt, 6" Silty CLAY: dark reddish brown, medium stiff, moist, medium plasticity, trace of fine sand (fill)
			3 4 10	6.2		ML	5YR 4/4	railroad ballast Silty CLAY: reddish brown, medium stiff, damp, slightly plastic, trace of fine sand
			2 3 6	0		ML	5YR 4/4	Clayey SILT: reddish brown, soft to medium stiff, damp, slightly plastic
			2 5 9	0		SC	5YR 4/4	Clayey fine SAND: reddish brown, medium stiff, moist, slightly plastic
			5 5 12	0		SP	5YR 5/8	SAND: yellowish red, medium dense, damp, fine
			6 13 15	0				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>		Boring Name <b>2BB-1A-2</b>
DRILLING COMPANY <b>Water Development</b>	DRILLER <b>Gary Whitley</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>	DRILL BIT (S) SIZE <b>8 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>50.5 feet</b>
		DATE STARTED <b>4/21/97</b>
		DATE COMPLETED <b>4/21/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (feet)					
			10 16 27	0	45				
					50				
					55				
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>		Boring Name <b>2BB-1A-3</b>
DRILLING COMPANY <b>Water Development</b>	DRILLER <b>Gary Whitley</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>	DRILL BIT (S) SIZE <b>8 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>50.5 feet</b>
		DATE STARTED <b>4/21/97</b>
		DATE COMPLETED <b>4/21/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (feet)					
			2 3 6	0			CL	5YR 3/2	Asphalt and ballast, 4" Silty and Sandy CLAY: dark reddish brown, soft to medium stiff, moist to damp, moderately plastic, fine to medium sand
			3 6 9	0	5		ML	7.5YR 4/4	Clayey SILT: brown, medium stiff, to stiff, damp, slightly plastic
			4 7 10	0	10				
			3 3 5	0	20		ML	5YR 4/3	Clayey SILT: reddish brown, soft to medium stiff, damp, slightly plastic, trace of fine sand
			4 7 14	0	30		SP	5YR 5/8	SAND: yellowish red, medium dense, damp, sand is fine grained, some pecten shell fragments
			5 8 25		40				fine to medium, dense

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>						Boring Name <b>2BB-1A-3</b>	
DRILLING COMPANY <b>Water Development</b>				DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>				DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>4/21/97</b>	DATE COMPLETED <b>4/21/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/ft)	Head Space Reading (in)					
			6 16 32	0	45	SP	5YR 5/8	SAND (continued): yellowish red, loose to medium dense, damp, fine to medium, some pecten shells	
					50				
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

**Kennedy/Jenks Consultants**

**BOE-C6-0097428**



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-4</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/21/97</b>	DATE COMPLETED <b>4/21/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space (inches)					
			6 18 25	0	45 50	SP	5YR 5/8	SAND (continued): yellowish red, medium dense, damp, fine to medium dense	
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>		Boring Name <b>2BB-1A-5</b>
DRILLING COMPANY <b>Water Development</b>	DRILLER <b>Gary Whitley</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>	DRILL BIT (S) SIZE <b>8 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>50.5 feet</b>
		DATE STARTED <b>4/21/97</b>
		DATE COMPLETED <b>4/21/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (cm)					
			3 4 5				CL	5YR 3/2	Ballast  Sandy CLAY: dark reddish brown, soft to medium stiff, damp, moderately plastic, trace of fine sand (fill)  ballast
			3 3 7		5		ML	7.5YR 4/4	Clayey SILT: brown, soft to medium stiff, damp, slightly plastic
			3 4 8	2.0	10		SC	2.5Y 4/3	Clayey fine SAND: olive brown, medium stiff, damp, slightly plastic
			3 4 5	0	20			2.5Y 5/4	light olive brown
			5 10 14	0	30		SP	5YR 5/8	SAND: yellowish red, medium dense, damp, fine
			8 10 23	14.5	40				dense, fine to medium, some oyster shell fragments

## Kennedy/Jenks Consultants

**BOE-C6-0097431**

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-5A</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/22/97</b>	DATE COMPLETED <b>4/22/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (Blow/ft)					
			4 5 8			GW	GL N7	Asphalt Concrete, 3" GRAVEL: light gray, loose, dry, 1/4" to 1 1/2" diameter, trace of coarse sand
			3 5 7	0	5	CL	7.5YR 4/3	Sandy CLAY: brown, medium stiff, damp, moderately plastic, fine to medium
			2 3 7	0	10	ML	7.5YR 4/4	Clayey SILT: brown, soft to medium stiff, moist, moderately plastic, trace of fine sand
			3 6 8	6.2	20			slightly plastic
			8 9 10	2.0	30	SP	5YR 5/8	SAND: yellowish red, medium dense, damp, fine to medium, trace of coarse sand, trace of shell fragments
			4 17 20	2.0	40			increasing shell fragments, dense

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-5A</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/22/97</b>	DATE COMPLETED <b>4/22/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (Spm)					
			9 13 22	2.0	45	SP	5YR 5/8	SAND (continued): yellowish red, medium dense, damp, fine to medium, trace of coarse sand, some shell fragments	
					50			fine, trace of medium, no shell fragments	
					55				
					60				
					65				
					70				
					75				
					80			Boring terminated at 50.5 feet.	

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>		Boring Name <b>2BB-1A-6</b>
DRILLING COMPANY <b>Water Development</b>	DRILLER <b>Gary Whitley</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD(S) <b>CME-85, Hollow Stem Auger</b>	DRILL BIT (S) SIZE <b>8 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>50.5 feet</b>
		DATE STARTED <b>4/22/97</b>
		DATE COMPLETED <b>4/22/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space (ft)					
		3 4 5							Asphalt Concrete, 3" ballast
		4 6 9		0	5		CL	2.5YR 3/3	Sandy CLAY: dark olive brown, medium stiff to stiff, damp, slightly plastic, fine sand
		3 4 5		0	10		ML	2.5YR 4/4	Clayey SILT: olive brown, medium stiff, damp, slightly plastic
		5 9 5		0	20		ML	7.5YR 4/3	Clayey SILT: brown, medium stiff, to stiff, damp, slightly to moderately plastic, trace of fine sand
		4 9 15		0	30		SP	10YR 5/8	SAND: yellowish brown, medium dense, damp, fine
		5 11 14		0	40				trace of medium, scattered shell fragments

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-6</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/22/97</b>	DATE COMPLETED <b>4/22/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (in)					
			7 16 18	0	45	SP	5YR 5/4	SAND (continued): yellowish brown, medium dense, damp, fine, trace of medium, scattered shell fragments	
					50		5YR 5/8		yellowish red, medium dense, damp, fine, trace of shell fragments
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-7</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/22/97</b>	DATE COMPLETED <b>4/22/97</b>

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Remaining (in)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
			3 6 7						Asphalt Concrete, 3" ballast
			2 5 7		5		SC	2.5Y 4/3	Clayey Fine SAND: olive brown, medium stiff, damp, slightly plastic
			4 5 7	0	10				
			3 6 9	0	20				
			3 5 6	0	30		SP	10YR 5/8	SAND: yellowish brown, medium dense, damp, fine, numerous fossil shell fragments
			5 8 5	0	40				damp to moist



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Border with International Light Metals</b>					Boring Name <b>2BB-1A-7</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/22/97</b>	DATE COMPLETED <b>4/22/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space (feet)					
			7 16 18	0	45	SP	5YR 5/4	SAND (continued): yellowish brown, medium dense, damp, fine, trace of medium, scattered shell fragments	
					50		5YR 5/8	yellowish red, medium dense, damp, fine, trace of shell fragments	
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>		Boring Name <b>2BB-1A-8</b>
DRILLING COMPANY <b>Layne Environmental</b>	DRILLER <b>Reuben Gonzales</b>	Project Name <b>Douglas Aircraft</b>
DRILL METHOD (S) <b>Geoprobe 5400</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>26 feet</b>
		DATE STARTED <b>4/2/97</b>
		DATE COMPLETED <b>4/2/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ft)					
0					0				Gravel, 6" Silty CLAY: reddish brown, medium stiff, damp, low plasticity, trace of fine sand
5					5				
10					10				SILT: olive brown, medium stiff, damp, non-plastic, trace of fine sand
15					15				
20					20				
2.0					20				Sandy CLAY: olive brown, medium stiff, moist, moderate plasticity, trace of silt
25					25				
0					25				SAND: light olive brown, dense, damp
									Boring terminated at 26 feet.
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>		Boring Name <b>2BB-1A-9</b>
DRILLING COMPANY <b>Layne Environmental</b>	DRILLER <b>Reuben Gonzales</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Geoprobe 5400</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>D. Schneeberger</b>		TOTAL DEPTH <b>26 feet</b>
		DATE STARTED <b>4/2/97</b>
		DATE COMPLETED <b>4/2/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space Reading (ft/in)					
					6.2		CL	2.5Y 3/1	Gravel, 6"
								2.5Y 4/4	CLAY: very dark gray, medium stiff, damp, low plasticity, trace of fine sand
					5		ML	2.5Y 4/4	olive brown
									SILT: olive brown, medium stiff, damp, slightly plastic, trace of fine sand
					10.4		CL	2.5Y 3/4	CLAY: very dark gray, medium stiff, damp, moderately plastic, trace of fine sand
							ML	2.5Y 4/4	SILT: olive brown, medium stiff, damp, slightly plastic, trace of fine sand
					0		SC	2.5Y 4/4	Clayey Fine SAND: olive brown, medium stiff, moist, slightly to moderately plastic
					0		ML	2.5YR 4/4	reddish brown, damp, slightly plastic
					18.7		SP	2.5Y 5/6	SAND: light olive brown, dense, damp
									Boring terminated at 26 feet.
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>					Boring Name <b>2BB-1A-10</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/2/97</b>	DATE COMPLETED <b>4/2/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (feet)					
			6.2		CL	2.5Y 3/1		Gravel, 6" CLAY: dark reddish gray, medium stiff, damp, moderate plasticity, trace of fine sand
			6.2	5	SC	2.5YR 5/4		Clayey Fine SAND: reddish brown, medium stiff, damp, slightly plastic
				10	ML	2.5Y 4/4		SILT: olive brown, stiff, damp, slightly plastic, trace of fine sand
			10.4	15	SC	2.5Y 4/4		Clayey Fine SAND: olive brown, medium stiff, moist, slightly plastic
			10.4	20				increasing clay
			14.5	25	SP	2.5Y 5/6		SAND: light olive brown, dense, damp
				30				Boring terminated at 26 feet.
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>		Boring Name <b>2BB-1A-11</b>	
DRILLING COMPANY <b>Layne Environmental</b>	DRILLER <b>Reuben Gonzales</b>	Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>		DATE STARTED <b>4/2/97</b>	DATE COMPLETED <b>4/2/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)					
				2.0	CL	2.5YR N3/1		Gravel, 6" CLAY: dark reddish gray, stiff, dry, slightly plastic, trace of fine to medium sand
				6.2	ML	2.5Y 4/4		Clayey SILT: olive brown, medium stiff, damp to dry, non-plastic, trace of fine sand
				5	SC	2.5Y 4/4		Clayey Fine SAND: olive brown, stiff, dry, slight plasticity
				4.6	SM	2.5Y 4/4		Silty Fine SAND: olive brown, medium stiff, dry to damp, non-plastic
				14.5	SC	2.5Y 4/4		Clayey Fine SAND: olive brown, medium stiff to soft, damp, slightly plastic
				14.5				increasing clay
				10.4	SP	2.5Y 5/6		SAND: light olive brown, dense, damp
				30				Boring terminated at 26 feet.
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>						Boring Name <b>2BB-1A-12</b>	
DRILLING COMPANY <b>Layne Environmental</b>				DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>4/2/97</b>	DATE COMPLETED <b>4/2/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Remaining (feet)					
				0		CL	2.5YR 3/3	Gravel, 6" Sandy CLAY: dark reddish brown, medium stiff, moist, moderately plastic, fine to medium sand	
				0		SC	2.5Y 4/3	Clayey Fine SAND: reddish brown, stiff, damp, moderately plastic, trace of silt	
				0	5		2.5Y 4/4	olive brown	
				0	10				
				0	15			slightly damp to dry, moderately plastic	
				0	20				
				2.0	25				
					30			Boring terminated at 26 feet.	
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>					Boring Name <b>2BB-1A-13</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/3/97</b>	DATE COMPLETED <b>4/3/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)					
				0		CL	2.5YR 3/3	Gravel, 6" Sandy CLAY: dark reddish brown, medium stiff, moist, moderately plastic, fine to medium sand
				2.0		SC	2.5YR 4/3 2.5Y 4/4	Clayey Fine SAND: reddish brown, soft to medium stiff, damp, slightly plastic olive brown
				0				
				15		ML	2.5YR 5/4	Clayey SILT: reddish brown, soft to medium stiff, moist, non-plastic to slightly plastic, trace of fine sand
				10.4		SM	2.5YR 3/4	Silty Fine SAND: dark reddish brown, soft, moist, slightly plastic, trace of clay
				2.0		SC	2.5YR 5/4	Clayey Fine SAND: reddish brown, soft to medium stiff, moderately plastic
								Boring terminated at 26 feet.
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>					Boring Name <b>2BB-1A-14</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneberger</b>					DATE STARTED <b>4/3/97</b>	DATE COMPLETED <b>4/3/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (ft)					
			0		CL	10R 4/6		Gravel, 6" Sandy CLAY: red, medium stiff to stiff, moist, moderately plastic, fine sand, trace of medium sand
			0	5	SC	2.5YR 4/4		Clayey Fine SAND: olive brown, stiff, damp, non-plastic to slightly plastic, trace of clay
						5YR 5/6		yellowish red
						5YR 4/4		reddish brown, soft to medium stiff, moist, moderately plastic
			0	10				
			0	15		2.5Y 4/4		olive brown, soft to medium stiff, damp, slightly plastic
			0	20				
			0	25				increasing clay
				30				Boring terminated at 26 feet.
				35				
				40				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>						Boring Name <b>2BB-1A-15</b>	
DRILLING COMPANY <b>Layne Environmental</b>				DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>						TOTAL DEPTH <b>26 feet</b>	
						DATE STARTED <b>4/3/97</b>	
						DATE COMPLETED <b>4/3/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space (inches)					
				0		CL	10YR 3/6	Gravel, 6" Sandy CLAY: dark yellowish brown, stiff, moist, moderately plastic, fine sand, trace of medium sand	
				0		ML	2.5Y 4/4	SILT: olive brown, medium stiff, moist, slight plasticity	
				5		CL	10YR 3/6	Sandy CLAY: dark yellowish brown, stiff, moist, moderately plastic, fine sand, trace of medium sand	
				0	5	SC	5YR 5/6	Clayey Fine SAND: yellowish red, moderately stiff, damp, moderately plastic	
				0	10				
				0	15		2.5Y 4/4	olive brown	
				0	20	CL	10YR 4/4	CLAY: dark yellowish brown, stiff to very stiff, moist, plastic, trace of fine sand	
				0	25	SC	2.5Y 4/4	Clayey Fine SAND: olive brown, soft, damp, slightly plastic, trace of medium	
								Boring terminated at 26 feet.	
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>					Boring Name <b>2BB-1A-16</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/3/97</b>	DATE COMPLETED <b>4/3/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)					
				0		CL	10YR 3/6 7.5YR 4/6	Gravel, 6" Sandy CLAY: dark yellowish brown, stiff, moist, moderately plastic, fine to medium sand  strong brown
				5		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff, damp, moderately plastic
				10				
				15			2.5Y 5/4	light olive brown, soft, moist, decreasing clay, non-plastic to slightly plastic
				20		CL	5YR 4/6	CLAY: yellowish red, very stiff, moist, plastic, trace of fine sand
				25		SP	2.5Y 5/6	SAND: light olive brown, dense, moist, fine to medium
				30				Boring terminated at 26 feet.
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>					Boring Name <b>2BB-1A-17</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/17/97</b>	DATE COMPLETED <b>4/17/97</b>

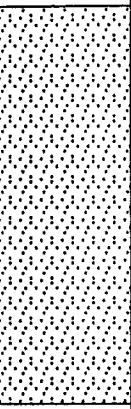
  

SAMPLES			Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected					
		2 5 10	0		CL	5YR 3/2	Gravel, 6" Sandy CLAY: dark reddish brown, soft to medium stiff, dry to damp, slightly plastic, fine to coarse
		5 9 21	14.5		ML	2.5Y 5/4	Clayey SILT: light olive brown, stiff, damp, slightly plastic, trace of fine sand
		5 6 7	18.7		SC	7.5YR 5/4	Clayey Fine SAND: brown, medium stiff, damp, slightly plastic
		4 7 8	18.7			2.5Y 5/4	light olive brown, increasing sand
		11 14 17	6.2		SP	2.5Y 5/6	SAND: light olive brown, dense, damp, very fine to fine, trace of clay
		9 13 17	2.0			2.5Y 6/3	light yellowish brown, fine

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>					Boring Name <b>2BB-1A-17</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/17/97</b>	DATE COMPLETED <b>4/17/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Reading (blows/foot)	Head Space Reading (in)					
			6 18 24	2.0	50		SP	2.5Y 6/3	SAND (continued): light yellowish brown, dense, damp, fine, trace of clay
					55				Boring terminated at 50.5 feet.
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>						Boring Name <b>2BB-1A-18</b>	
DRILLING COMPANY <b>Precision Sampling</b>				DRILLER <b>Stewart King</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>				DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>25.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>						DATE STARTED <b>5/7/97</b>	DATE COMPLETED <b>5/7/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space Reading (ppm)					
				0		CL	7.5YR 3/1	Asphalt, 4"	
				0		ML	10YR 4/3	CLAY: very dark gray, medium stiff, moist, moderately plastic, trace of fine sand	
				5				Clayey SILT: brown, medium stiff, moist, non-plastic, trace of fine sand	
				0		SC	7.5YR 4/3	Clayey Fine SAND: brown, medium stiff, moist, slightly plastic	
				10					
				0					
				15		ML	7.5YR 4/3	Clayey SILT: brown, stiff, moist, slightly plastic, trace of fine sand	
				0		SC	7.5YR 4/3	Clayey Fine SAND: brown, medium stiff, moist, slightly plastic	
				0		ML	7.5YR 4/3	Clayey SILT: brown, stiff, moist, slightly plastic, trace of fine sand	
				20			10YR 5/4	yellowish brown increasing clay content	
				0		SP	2.5Y 5/6	SAND: light olive brown, medium dense, damp, fine to medium	
				25				Boring terminated at 25.5 feet.	
				30					
				35					
				40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Area 1A, Parking Lot</b>					Boring Name <b>2BB-1A-19</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Stewart King</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-1, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>25.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>5/7/97</b>	DATE COMPLETED <b>5/7/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (cm)					
			0		CL	7.5YR 3/1		Asphalt, 3" CLAY: very dark gray, medium stiff, moist, moderately plastic, trace of fine sand
			0	5	ML	7.5YR 4/3		Clayey SILT: brown, medium stiff, moist, slightly plastic, trace fine sand
			0	10	SC	7.5YR 4/3		Clayey Fine SAND: brown, medium stiff, moist, non-plastic, trace of silt
			0	15				
			0	20	ML	7.5YR 4/3 5YR 5/4		Clayey SILT: brown, medium stiff, moist, slightly plastic, trace of fine sand reddish brown, increasing clay
			0	25	SP	2.5Y 5/6		SAND: light olive brown, medium dense, damp, fine
				30				Boring terminated at 25.5 feet.
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>						Boring Name <b>2BB-SA-NW-1</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>				DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>						TOTAL DEPTH <b>10 feet</b>	
						DATE STARTED <b>4/3/97</b>	
						DATE COMPLETED <b>4/3/97</b>	

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
									fill
					5.9		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist
					5.9			2.5Y 4/4	very stiff
					10			2.5Y 4/4	stiff, slightly moist
									Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

## Boring Log

**Kennedy/Jenks Consultants**

BORING LOCATION										Boring Name <b>2BB-SA-NW-2</b>	
Supplemental Area Northwest										Project Name <b>Douglas Aircraft</b>	
DRILLING COMPANY										Project Number <b>974002.00</b>	
Quaternary Investigations										DRILLER <b>Joe Abreau</b>	
DRILLING METHOD (S)										DRILL BIT (S) SIZE	
Earth Probe										1.5 inches	
DEPTH TO WATER										ELEVATION	
Not Encountered										Not Surveyed	
LOGGED BY										TOTAL DEPTH	
J. Knight										10 feet	
										DATE STARTED	
										4/2/97	
										DATE COMPLETED	
										4/2/97	
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space (feet)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS		
									fill		
				6.4	5		ML	10YR 3/3	Clayey SILT: dark brown, firm, moist		
								10YR 3/4	dark yellow brown, stiff, moist		
								10YR 5/6	light yellow brown, very stiff, slightly moist		
				5.7	10			2.5Y 4/4	olive brown, some fine sand		
									Boring terminated at 10 feet.		
					15						
					20						
					25						
					30						
					35						
					40						



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>		Boring Name <b>2BB-SA-NW-3</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>10 feet</b>
		DATE STARTED <b>4/2/97</b>
		DATE COMPLETED <b>4/2/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (ppm)					
					5.3		SM	10YR 4/6	fill
					5.9		CL	10YR 3/3	Silty SAND: dark yellow brown, fine, loose, moist
					5.8		ML	2.5Y 4/4	Silty CLAY: dark brown, stiff, slightly moist
					5.8				Clayey SILT: olive brown, very stiff, slightly moist
					10				hard, dry
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>					Boring Name <b>2BB-SA-NW-4</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/2/97</b>	DATE COMPLETED <b>4/2/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
								fill
				5.7	CL	10YR 3/3		Silty CLAY: dark brown, soft, moist
					ML	10YR 3/4		Clayey SILT: dark yellow brown, soft, moist
						10YR 4/4		dark yellow brown, firm moist
						10YR 5/4		yellow brown, stiff, slightly moist
				6.0		2.5Y 4/4		olive brown, firm, slightly moist
				10				Boring terminated at 10 feet.
				15				
				20				
				25				
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>						Boring Name <b>2BB-SA-NW-5</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>				DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>						DATE STARTED <b>4/3/97</b>	DATE COMPLETED <b>4/3/97</b>

Driven	Recovered	Collected	Penetration Resistance (blow/ft)	Head Space (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
									fill
					5		ML	10YR 3/4	Clayey SILT: dark yellow brown, firm, moist
								2.5Y 4/4	olive brown, some fine sand, firm, moist
									some fine sand
				6.0	10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>		Boring Name <b>2BB-SA-NW-6</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>10 feet</b>
		DATE STARTED <b>4/3/97</b>
		DATE COMPLETED <b>4/3/97</b>

SAMPLES						Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Penetration (lb/ft)	Unit Spacing (ft)					
						0				fill
						5		ML	10YR 3/3	Clayey SILT: dark yellow brown, firm, moist
									10YR 3/3	dark brown
									2.5Y 4/4	olive brown, some fine sand
						10				Boring terminated at 10 feet.
						15				
						20				
						25				
						30				
						35				
						40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>					Boring Name <b>2BB-SA-NW-7</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/16/97</b>	DATE COMPLETED <b>4/16/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
			4	18.7		CL	10R 4/3	Silty CLAY: weak red, medium stiff to stiff, damp, slightly to moderately plastic, trace of very fine sand
			5					
			9					
			4	22.9		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff to stiff, damp, slightly plastic
			7					
			11					
			5	18.7				
			6					
			6					
			5	22.9				
			10					
			13					
			4	18.7		SP	2.5Y 5/6	SAND: light olive brown, medium dense, damp, very fine to fine
			6					
			8					
			4	27.0			2.5Y 6/3	light yellowish brown
			7					
			9					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NW-7</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/16/97</b>	DATE COMPLETED <b>4/16/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)					
			4	18.7	45	SP	2.5Y 6/3	SAND (continued): light yellowish brown, medium dense, damp, fine	
			11		50				
			15			ML	5YR 6/3	Clayey SILT: light reddish brown, very stiff, damp, slightly to moderately plastic	
								Boring terminated at 50.5 feet.	
					55				
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>					Boring Name <b>2BB-SA-NW-8</b>																																																																																																																																		
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>																																																																																																																																		
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>																																																																																																																																		
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>																																																																																																																																		
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/3/97</b>																																																																																																																																		
					TOTAL DEPTH <b>10 feet</b>																																																																																																																																		
<table border="1"> <thead> <tr> <th colspan="5">SAMPLES</th> <th rowspan="2">Depth (feet)</th> <th rowspan="2">Lithology</th> <th rowspan="2">USCS Log</th> <th rowspan="2">Munsell Color</th> <th rowspan="2">SOIL DESCRIPTION AND DRILLING REMARKS</th> </tr> <tr> <th>Driven</th> <th>Recovered</th> <th>Collected</th> <th>Penetration Resistance (blows/foot)</th> <th>Moisture Content (%)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6.7</td> <td rowspan="4"> </td> <td rowspan="4">ML</td> <td rowspan="4">10YR 3/2</td> <td>fill</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.0</td> <td>10YR 3/4</td> <td>Clayey SILT: very dark gray brown, firm, moist</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> <td>dark yellow brown, stiff, slightly moist</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.5Y 4/4</td> <td>olive brown, very stiff, slightly moist</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td></td> <td></td> <td></td> <td>hard, dry</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Boring terminated at 10 feet.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>15</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>25</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>35</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>40</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS	Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Moisture Content (%)						6.7		ML	10YR 3/2	fill						7.0	10YR 3/4	Clayey SILT: very dark gray brown, firm, moist						5		dark yellow brown, stiff, slightly moist							2.5Y 4/4	olive brown, very stiff, slightly moist						10				hard, dry										Boring terminated at 10 feet.						15										20										25										30										35										40				
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# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>		Boring Name <b>2BB-SA-NW-9</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>10 feet</b>
		DATE STARTED <b>4/3/97</b>
		DATE COMPLETED <b>4/3/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (gpm)					
					8.1				fill
					5		ML	10YR 2/1	Clayey SILT: black, firm, moist
								10YR 3/2 10YR 3/6	mottled dark gray brown and dark yellow brown, firm, moist
								10YR 4/4	dark yellow brown, stiff, slightly moist
					7.3			2.5Y 4/4	olive brown, very stiff, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>						Boring Name <b>2BB-SA-NW-10</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>				DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>						TOTAL DEPTH <b>10 feet</b>	
						DATE STARTED <b>4/3/97</b>	
						DATE COMPLETED <b>4/3/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)					
									fill
						ML	7.5YR 3/3		Clayey SILT: dark brown, firm, moist
					5		10YR 3/6		dark yellow brown, stiff, slightly moist
							2.5Y 4/4		olive brown, very stiff, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>						Boring Name <b>2BB-SA-NW-11</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>				DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>						TOTAL DEPTH <b>10 feet</b>	
						DATE STARTED <b>4/3/97</b>	
						DATE COMPLETED <b>4/3/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Open	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (gpm)					
								fill	
					5.7	ML	10YR 3/3	Clayey SILT: dark brown, stiff, slightly moist	
					4.9		10YR 4/4	dark yellow brown, stiff, slightly moist	
					5		10YR 3/4	dark yellow brown, very stiff	
					5.6		2.5Y 4/4	olive brown, very stiff, slightly moist	
					10			Boring terminated at 10 feet.	
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>					Boring Name <b>2BB-SA-NW-12</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					TOTAL DEPTH <b>10 feet</b>	
					DATE STARTED <b>4/3/97</b>	
					DATE COMPLETED <b>4/3/97</b>	

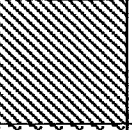
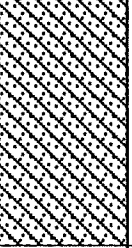
SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/ft)	Head Space Reading (in)					
									fill
					6.3	ML	10YR 3/3	Clayey SILT: dark brown, stiff, moist	
					5		10YR 3/4	dark yellow brown, firm, moist	
							10YR 4/4	dark yellow brown	
							2.5Y 4/4	olive brown, stiff, slightly moist	
					6.4			hard, dry	
					10			Boring terminated at 10 feet.	
					15				
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northwest</b>							Boring Name <b>2BB-SA-NW-13</b>	
DRILLING COMPANY <b>Precision Sampling</b>				DRILLER <b>Stewart King</b>			Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>				DRILL BIT (S) SIZE <b>2 3/8 inches</b>			Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>							ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>							TOTAL DEPTH <b>10 feet</b>	
							DATE STARTED <b>5/7/97</b>	
							DATE COMPLETED <b>5/7/97</b>	

SAMPLES						SOIL DESCRIPTION AND DRILLING REMARKS				
Driven	Recovered	Collected	Penetration (blows/ft)	Head Space (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color		
					4.1		CL	5YR 4/3		
				20.8					SC	5YR 5/4
				20.8						
					10				Boring terminated at 10 feet.	
					15					
					20					
					25					
					30					
					35					
					40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-1</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/1/97</b>	DATE COMPLETED <b>4/1/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)					
									Fill
					5	ML	2.5Y 4/4		Clayey SILT: olive brown, stiff, slightly moist
				6.0					
				10					
					7.5	ML	2.5Y 4/4		Sandy SILT: olive brown, fine sand, stiff, slightly moist
				15					
				20					
					6.2				firm, moist
				20					
				25					
					8.4				soft, moist
				25					
				30					
					35				Boring terminated at 26 feet.
				40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-2</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/1/97</b>	DATE COMPLETED <b>4/1/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Preparation Resistance (blows/foot)	Head Space Reading (cm)					
					5.5	ML	10YR 4/3	Fill	
					6.2			Clayey SILT: dark brown, wet, soft	
					6.7	ML	10YR 4/4 10YR 5/4	Clayey SILT: mottled dark yellow brown and yellow brown, firm, moist	
					10			olive brown, very stiff, slightly moist, faint unidentified odor	
					8.2	ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, firm, moist, faint unidentified odor	
					20			no odor, soft, moist	
					10.8		2.5Y 4/4	firm, moist	
					25				
					30			Boring terminated at 26 feet.	
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-3</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/1/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>4/1/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS	
Driven	Recovered	Collected	Penetration Resistance (blows/foot)						
				7.3	[Vertical Line Pattern]	ML	5Y 3/2	Asphalt, 6"	
				7.3				10YR 3/6	Clayey SILT: dark olive gray, firm, moist
				5					dark yellow brown, stiff, moist
				10					stiff, slightly moist
				10.5	[Vertical Line Pattern]	ML	2.5Y 4/4	very stiff	
				15					Sandy SILT: olive brown, fine sand, with clay, firm, moist
				11.3				2.5Y 5/4	light olive brown, firm, moist
				13.6	[Vertical Line Pattern]		2.5Y 4/4	olive brown, no clay, firm, moist	
				25					
				30					Boring terminated at 26 feet.
				35					
				40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-4</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/2/97</b>	DATE COMPLETED <b>4/2/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (ft)					
								Asphalt, 8" fill
				5		ML	10YR 4/6	Clayey SILT: dark yellow brown, very stiff, slightly moist
				5.7			10YR 5/6	firm, moist yellow brown, firm, moist
				6.2		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, firm, moist
				6.5		ML	2.5Y 5/3	Clayey SILT: brown, firm, moist
				6.2		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, moist, firm
				30				Boring terminated at 26 feet.
				35				
				40				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-5</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/1/97</b>	
					TOTAL DEPTH <b>11 feet</b>	
					DATE COMPLETED <b>4/1/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (cm)					
									fill, with concrete rubble
					5	ML	10YR 5/6		Clayey SILT: yellow brown, stiff, dry hard, slightly moist
					10		2.5Y 5/6		some fine sand light olive brown, hard, dry
					15				Boring terminated at 11 feet due to refusal.
					20				
					25				
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-6</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
RILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					TOTAL DEPTH <b>36 feet</b>	
					DATE STARTED <b>4/2/97</b>	
					DATE COMPLETED <b>4/2/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (feet)					
				5.1		ML	10YR 3/3	Asphalt, 8" Clayey SILT: dark brown, firm, moist
				5.3			10YR 3/6 10YR 2/1	mottled dark yellow brown and black, firm, moist
				5			10YR 3/6 10YR 3/3	mottled dark yellow brown and dark brown, stiff, slightly moist
				7.3			10YR 3/6	dark yellow brown, very stiff, slightly moist
				199		ML	5GY 4/1	Sandy SILT: dark greenish gray (discolored), fine sand, unidentified odor, stiff, moist, some clay
				679			5GY 4/1	odor and discoloration continued
				1650			5GY 4/1	odor and discoloration continued, firm, moist
				639		ML	5Y 4/3	Clayey SILT: olive (discolored), stiff, moist, weaker unidentified odor
				1246		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, unidentified odor
				40				Boring terminated at 36 feet.

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-7</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					TOTAL DEPTH <b>26 feet</b>	
					DATE STARTED <b>4/2/97</b>	
					DATE COMPLETED <b>4/2/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (feet)					
				4.9		ML	10YR 3/2	Clayey SILT: very dark gray brown, firm, moist
				4.7				
				5				
				11.6				
				10			10YR 4/6	dark yellow brown, very stiff, slightly moist
								hard
							2.5Y 4/4	olive brown, very stiff, slightly moist
				15		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, firm, moist
				22.1				
				24.2				
				28.5				
								soft, very moist
								Boring terminated at 26 feet.
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-8</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
RILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>25 feet</b>
LOGGED BY <b>S. Scrimshire</b>					DATE STARTED <b>4/4/97</b>	DATE COMPLETED <b>4/4/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)					
						CL	10YR 4/4	Silty CLAY: dark yellow brown, firm, slightly moist
				5		ML	10YR 3/4	Sandy SILT: dark yellow brown, medium sand, stiff, slightly moist
				10		ML	10YR 3/4	Clayey SILT: dark yellow brown, firm, some fine sand, slightly moist
				20			2.5Y 5/4	light olive brown
				22			2.5Y 4/4	olive brown
				11				soft
				157		ML	2.5Y 4/4	Sandy SILT: olive brown, soft, fine sand, slightly moist
				25				Boring terminated at 25 feet.
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-9</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Sergio Navarro</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/10/97</b>	
					TOTAL DEPTH <b>25 feet</b>	
					DATE COMPLETED <b>4/10/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space Reading (ft)					
					56.2		CL	5YR 3/2	Concrete, 6" Silty CLAY: dark reddish brown, stiff, moist, moderately plastic, trace of fine sand
					31.0		CL	5YR 3/2	Sandy CLAY: dark reddish brown, very stiff, moist, moderately plastic, fine sand, trace of medium sand
					18.7			5YR 4/4	reddish brown
					181.2		ML	5YR 4/4	Clayey SILT: reddish brown, stiff, damp, moderately plastic, trace of fine sand
					27.0		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, soft, dry, slightly plastic, trace of medium
					114.5		ML	5YR 4/4	Clayey SILT: reddish brown, stiff, damp, slightly plastic, trace of fine to medium sand
					314				
					25				Boring terminated at 25 feet.
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-10</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Sergio Navarro</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-1, Direct Push</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>25 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/10/97</b>	DATE COMPLETED <b>4/10/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Retention (blow count)	Head Space Reading (ft)					
					72.9		CL	5YR 3/2	Concrete, 6" Silty to Sandy CLAY: dark reddish brown, stiff to very stiff, damp, moderately plastic, fine sand, trace of medium sand
					56.2	5	CL	5YR 4/4	Sandy CLAY: reddish brown, very stiff to hard, moist, moderately plastic, fine sand, trace of medium sand
					93.7	10			
					68.7	15	SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, soft, dry, slightly plastic
					227	20	CL	5YR 4/4	Sandy CLAY: reddish brown, very stiff, moist, moderately plastic, fine sand, trace of medium sand
					277	25	ML	5YR 4/4	Clayey SILT: reddish brown, stiff, damp to moist, slightly to moderately plastic, trace of fine to medium sand
									Boring terminated at 25 feet.

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION					Boring Name <b>2BB-36-11</b>		
Building 36				DRILLER		Project Name <b>Douglas Aircraft</b>	
DRILLING COMPANY				Sergio Navarro		Project Number <b>974002.00</b>	
Precision Sampling				DRILL BIT (S) SIZE			
DRILLING METHOD (S)				1.5 inches			
XD-I, Direct Push							
DEPTH TO WATER					ELEVATION		TOTAL DEPTH
Not Encountered					Not Surveyed		25 feet
LOGGED BY					DATE STARTED		DATE COMPLETED
D. Schneeberger					4/11/97		4/11/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space (inches)					
					10.4		CL	5YR 3/2	Concrete, 6" Sandy CLAY: dark reddish brown, stiff, moist, moderately plastic, fine sand
					152.9			5YR 4/4	reddish brown, trace of silt
					104.9				
					181.2		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, soft, dry to damp, slightly plastic
					421		ML	5YR 4/4	Clayey SILT: reddish brown, stiff, damp, slightly plastic, trace of fine to medium sand
					561		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, soft, dry to damp, slightly plastic
					25				Boring terminated at 25 feet.
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-12</b>	
DRILLING COMPANY <b>Precision Sampling</b>			DRILLER <b>Sergio Navarro</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>XD-I, Direct Push</b>			DRILL BIT (S) SIZE <b>2 3/8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>25 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/10/97</b>	DATE COMPLETED <b>4/10/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space Reading (gpm)					
					56.2	CL	5YR 3/2	Concrete, 6" Sandy CLAY: dark reddish brown, stiff, moist, moderately plastic, fine sand, trace of medium	
					47.9				
					18.7				
					102	SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, soft to medium stiff, dry to damp, slightly plastic, trace of medium	
					127				
					306				
					25			Boring terminated at 25 feet.	
					30				
					35				
					40				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>		Boring Name <b>2BB-36-13</b>
DRILLING COMPANY <b>Water Development</b>	DRILLER <b>Gary Whitley</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>	DRILL BIT (S) SIZE <b>8 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>M. Balderman</b>		TOTAL DEPTH <b>50 feet</b>
		DATE STARTED <b>4/24/97</b>
		DATE COMPLETED <b>4/24/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space Reading (ft)					
			3 4 6		29.1		SM	10YR 4/3	Silty SAND: brown, medium dense, damp, fine to medium
			3 6 9		87.4		SM	10YR 5/4	yellowish brown, medium dense, damp, fine to medium, trace of fine gravel
			4 5 6		1100				
			3 4 7		7200		CL	10YR 5/2	Silty CLAY: brown, medium stiff, moist, moderately plastic, strong chemical odor
			3 5 16		1000		CL-CH	2.5Y 5/3	Silty CLAY: light olive brown, medium stiff, moist, highly plastic, strong chemical odor
			3 4 12		3600		SM	10YR 5/4	Silty SAND: yellowish brown, medium dense, moist, 65% fine sand, trace of fine mica, chemical odor

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-13</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50 feet</b>
LOGGED BY <b>M. Balderman</b>					DATE STARTED <b>4/24/97</b>	DATE COMPLETED <b>4/24/97</b>

SAMPLES						Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blow/ft)	Head Space (ft)	Head Space (ft)					
						45	SM	10YR 5/4	Silty SAND (continued): yellowish brown, moderately dense, moist, fine, trace of fine mica, chemical odor	
			7 20 20		7600	50				2.5Y 6/4
						55			Boring terminated at 50 feet.	
						60				
						65				
						70				
						75				
						80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-14</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Paul Henson</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-75, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>7 3/4 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schmeberger</b>					DATE STARTED <b>4/25/97</b>	DATE COMPLETED <b>4/25/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)					
				6.3		CL	2.5Y 4/2	Fill with concrete rubble
				5		ML	2.5Y 4/4	Sandy CLAY: dark grayish brown, soft to medium stiff, damp, slightly to moderately plastic, fine to medium sand
						CL	2.5Y 4/2	Clayey SILT: olive brown, medium stiff, damp, slightly plastic, trace of fine sand
						CL	2.5Y 4/2	CLAY: dark grayish brown, soft to medium stiff, damp, slightly to moderately plastic
				5.7		ML	2.5Y 4/4	Clayey SILT: olive brown, medium stiff to stiff, damp, slightly plastic to non-plastic, trace of fine sand
				10		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff to stiff, damp, slightly to non-plastic
						SM	2.5Y 5/4	Silty SAND: light olive brown, medium dense, damp, fine
				4.4		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, moist, slightly to moderately plastic, trace of fine sand
				20		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff to stiff, moist, slightly plastic
						ML	2.5Y 4/4	Clayey SILT: olive brown, very stiff, damp, slightly plastic, trace of fine sand
				3.0		CL	2.5Y 4/4	Sandy CLAY: olive brown, stiff to very stiff, moist, moderately plastic, fine sand
						ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, damp, slightly plastic, trace of fine sand
						SP	2.5Y 5/4	SAND: light olive brown, medium dense, damp, fine
				35		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, medium stiff to stiff, damp, slightly plastic
							2.5Y 4/2	dark grayish brown
				5.9		ML	2.5Y 5/4	Clayey SILT: light olive brown, stiff, damp, slightly to moderately plastic, trace of fine sand

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-14</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Paul Henson</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-75, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>7 3/4 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/25/97</b>	
					TOTAL DEPTH <b>50.5 feet</b>	
					DATE COMPLETED <b>4/25/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space (ft)					
						ML	2.5Y 5/4	Clayey SILT (continued): light olive brown, stiff, damp, slightly to moderately plastic, trace of fine sand	
					45	CL	2.5Y 5/3	CLAY: light olive brown, damp, stiff, moderately plastic, trace of fine to medium sand	
			9 18 27		50	SP	2.5Y 6/2	SAND: light grayish brown, medium dense, fine, trace of medium	
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-16</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
RILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/22/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>4/22/97</b>	

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
									Fill
					6.3		ML	2.5Y 4/3	Clayey SILT: olive brown, firm, moist
					5			2.5Y 4/2	dark gray brown, decreasing clay, soft, moist
					10			10YR 3/3	dark brown, stiff, slightly moist
					17.0				increasing clay, very stiff
					10			2.5Y 5/4	light olive brown, firm, moist
					2.6		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, some clay, stiff, moist
					7.0				stiff, slightly moist
					35.1			5Y 4/4	olive, firm, moist
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Building 36</b>					Boring Name <b>2BB-36-17</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					TOTAL DEPTH <b>26 feet</b>	
					DATE STARTED <b>4/24/97</b>	
					DATE COMPLETED <b>4/24/97</b>	

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Remaining (feet)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					1.4		ML	2.5Y 6/3	Sandy SILT: light yellow brown, fine sand, firm, dry
					1.5		CL	10YR 3/3	6-inch lense of dark brown silty clay
					5		ML	5Y 5/3	Sandy SILT: olive, firm, slightly moist
							CL	2.5Y 4/4	Silty CLAY: olive brown, soft, moist
								10YR 3/4	dark yellow brown
					3.3		ML	10YR 3/2	Clayey SILT: very dark gray brown, firm, moist
					10				
					15			2.5Y 5/4	light olive brown, firm, moist, some fine sand
					5.3			2.5Y 6/3	light yellow brown, stiff, moist
					20				
					7.4			5Y 5/4	olive, slight odor, decreasing clay
					25				
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-1</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/3/97</b>	DATE COMPLETED <b>4/3/97</b>




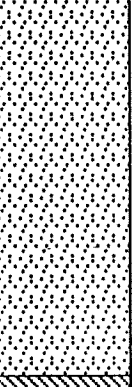
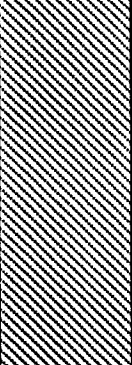

Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (in)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					0		CL	5YR 4/2	CLAY: dark reddish gray, stiff, moist, moderately plastic, trace of sand and fine gravel
					12.0		SC	5YR 4/2 2.5Y 5/4	Clayey Fine SAND: dark reddish gray, stiff, moist, moderately to slightly plastic light olive brown
					18.7		CL SC	5YR 4/2 2.5Y 5/4	CLAY: dark reddish gray, stiff, moist, moderately plastic, trace of sand and fine gravel Clayey Fine SAND: light olive brown, soft, moist, slightly plastic, trace of medium
					31.0			2.5YR 4/4	reddish brown, soft to medium stiff, moist, slightly plastic, fine, trace of medium
					10.4		SM	2.5Y 4/4	Silty SAND: light olive brown, medium dense, damp, fine, trace of clay
					18.7		SC	2.5YR 4/4	Clayey Fine SAND: reddish brown, soft to medium stiff, moist, slightly plastic
									Boring terminated at 26 feet.
					30				
					35				
					40				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-2</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/16/97</b>	DATE COMPLETED <b>4/16/97</b>

SAMPLES			Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected					
		5 17 15	22.9		ML	2.5Y 3/2	Asphalt, 3" Clayey SILT: very dark grayish brown, very stiff, moist, slightly plastic
		2 5 12	31.2		CL	2.5Y 3/2	Silty CLAY: very dark grayish brown, stiff, moist, moderately plastic
		2 6 13	56.2		CL	2.5Y 3/3	Sandy CLAY: dark olive brown, stiff, damp, slightly to moderately plastic, fine to medium sand
		4 4 6	81.2		SP	2.5Y 5/4	SAND: light olive brown, medium dense, damp, fine, trace of silt
		4 6 8	64.5		CL	10YR 5/3	Sandy CLAY: brown, medium stiff, moist, moderately plastic, fine sand
		4 5 9	52.0		SC	2.5Y 5/3	Clayey Fine SAND: light olive brown, medium stiff, moist, slightly plastic

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-2</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					TOTAL DEPTH <b>50.5 feet</b>	
					DATE STARTED <b>4/16/97</b>	
					DATE COMPLETED <b>4/16/97</b>	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space Reading (in)					
					45		SC	2.5Y 5/3	Clayey Fine SAND (continued): light olive brown, medium stiff, moist, slightly plastic
			6 18 19	35.4	50		SP	2.5Y 6/3	SAND: light yellowish brown, dense, moist, fine, trace of clay
					55				Boring terminated at 50.5 feet.
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-3</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/4/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>4/4/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (feet)					
			0	0	CL	5YR 3/3	Silty CLAY: dark reddish brown, soft, moist, plastic	
			0	5				
			6.2	10				
			18.7	15	SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, stiff, moist, slightly plastic, trace of medium	
			4.7	20				
			2.0	25	SP	2.5Y 5/6	SAND: light olive brown, dense, damp, trace of silt	
				30			Boring terminated at 26 feet.	
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-4</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/4/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>4/4/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Dryer	Recovered	Collected	Head Space (feet)					
				6.2		CL	5YR 3/3	Silty CLAY: dark reddish brown, stiff, damp, moderately plastic, trace of fine sand
							5YR 4/6	yellowish red
				5			5YR 4/2	dark reddish gray, very moist to wet
				6.2		SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, stiff, moist, moderately plastic, trace of medium, wet from 8.5 to 9 feet
				10		CL	5YR 4/24	CLAY: dark reddish gray, stiff, wet, highly plastic, trace of fine to medium sand
				2.0	15	SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, soft to medium stiff, damp to very moist, slightly plastic, very fine to medium
				2.0	20	SP	2.5Y 5/6	SAND: light olive brown, dense, very moist to wet, trace of silt or clay
				2.0	25	SP	2.5Y 5/6	increasing clay
								Boring terminated at 26 feet.
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-5</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/3/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>4/3/97</b>	

SAMPLES				Depth (feet)	Lithology	USCS Log	Atterberg Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)					
				5.6		ML	10YR 3/3	Sandy SILT: dark brown, fine sand, firm, dry
				5.4			10YR 4/6	dark yellow brown, some clay, stiff, slightly moist
				5		ML	10YR 4/6	Clayey SILT: dark yellow brown, very stiff, dry
				5.6			10YR 5/4	olive brown, very stiff, slightly moist
				5.4			2.5Y 6/4	light yellow brown, stiff, dry
				5.9			2.5Y 4/4	olive brown, firm, slightly moist
				5.5		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, firm, slightly moist
								Boring terminated at 26 feet.
				30				
				35				
				40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>		Boring Name <b>2BB-SA-NE-6</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>26 feet</b>
		DATE STARTED <b>4/4/97</b>
		DATE COMPLETED <b>4/4/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (cm)					
					5.3		ML	10YR 4/4	Clayey SILT: dark yellow brown, stiff, slightly moist
					5.7				
					5			10YR 3/3 10YR 4/6	mottled dark yellow brown and dark brown, very stiff, slightly moist
								10YR 4/6	dark yellow brown, with fine sand
					6.6			10YR 5/4	olive brown, very stiff, slightly moist
					6.1			2.5Y 4/3	olive brown, trace of sand, stiff, slightly moist
					20		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, some clay, stiff, slightly moist
					6.3				
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-7</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>25 feet</b>
LOGGED BY <b>S. Scrimshire</b>					DATE STARTED <b>4/4/97</b>	DATE COMPLETED <b>4/4/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space (inches)					
					0		ML	10YR 2/2	Clayey SILT: very dark brown, firm, some fine sand, moist
					0				
					5		ML	10YR 4/4	Sandy SILT: dark yellowish brown, firm, fine sand, slightly moist
							ML	2.5Y 4/4	Clayey SILT: olive brown, firm, slightly moist
					10				some fine sand
					0				
					15		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, soft, slightly moist
					0				
					20		ML	2.5Y 4/4	Clayey SILT: olive brown, soft, moist
					0				
					25		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, moist
									Boring terminated at 25 feet.
					30				
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>				Boring Name <b>2BB-SA-NE-8</b>	
DRILLING COMPANY <b>Water Development</b>		DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>		DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
PTH TO WATER <b>Not Encountered</b>				ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>				DATE STARTED <b>4/16/97</b>	DATE COMPLETED <b>4/16/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/ft)					
			5 5 7	56.2		SC	2.5YR 3/4	Sand and Gravel Paving Clayey SAND: dark reddish brown, medium dense, damp, fine to coarse, slightly plastic
			2 2 8	14.5		CL	10R 3/3	Sandy CLAY: dusky red, stiff, damp, fine to medium, slightly plastic
			3 6 10	22.9		CL	5YR 3/2	Sandy CLAY: dark reddish brown, very stiff, moist, fine to medium, slightly to moderately plastic
			2 4 10	35.4		SC	2.5Y 5/3	Clayey Fine SAND: light olive brown, stiff, damp to moist, moderately plastic
			2 4 9	31.2		ML	2.5Y 5/3	Clayey SILT: light olive brown, stiff, moist, slightly plastic, trace of fine sand
			3 5 9	14.5		SP	10YR 5/6	SAND: yellowish brown, medium dense, damp, fine, trace of clay



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-8</b>	
DRILLING COMPANY <b>Water Development</b>			DRILLER <b>Gary Whitley</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>CME-85, Hollow Stem Auger</b>			DRILL BIT (S) SIZE <b>8 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>50.5 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/16/97</b>	DATE COMPLETED <b>4/16/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space Remaining (feet)					
			5		45	SP	10YR 5/6	SAND (continued): yellowish brown, medium dense, damp, fine, trace of clay	
			13						
			15		50		10YR 5/6		yellowish brown, loose to medium dense, moist, fine, trace of clay
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION					Boring Name <b>2BB-SA-NE-9</b>		
Supplemental Area Northeast				DRILLING COMPANY		DRILLER	
Quaternary Investigations				Joe Abreau		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S)				DRILL BIT (S) SIZE		Project Number <b>974002.00</b>	
Earth Probe				1.5 inches		ELEVATION	
DEPTH TO WATER				Not Encountered		TOTAL DEPTH <b>26 feet</b>	
LOGGED BY				DATE STARTED		DATE COMPLETED	
J. Knight				4/4/97		4/4/97	

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					0		CL	10YR 3/3	Silty CLAY: dark brown, stiff, slightly moist
					0		CL	10YR 3/2	Silty CLAY with Sand: very dark gray brown, firm, fine sand
					5		ML	10YR 3/6	Sandy SILT: dark yellowish brown, fine sand, firm, slightly moist
								10YR 4/6	dark yellow brown, some clay
					10				
					15			2.5Y 4/4	olive brown, no clay
					20		ML	2.5Y 4/4	SILT: olive brown, soft, moist
					25		SM	2.5Y 5/6	Silty SAND: light olive brown, fine, medium dense, slightly moist
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-10</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					TOTAL DEPTH <b>26 feet</b>	
					DATE STARTED <b>4/7/97</b>	
					DATE COMPLETED <b>4/7/97</b>	

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					1.7		ML	10YR 2/2	Clayey SILT: very dark brown, stiff, slightly moist
					3.5		CL	10YR 3/3	Silty CLAY: dark brown, firm, slightly moist
					5				
					3.7		ML	10YR 3/6	Sandy SILT: dark yellow brown, fine sand, some clay, firm, moist
					3.8			2.5Y 4/4	olive brown, decreasing clay, firm, moist
					4.2		ML	2.5Y 4/4	Clayey SILT: olive brown, soft, moist
					3.4		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, soft, moist
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-11</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/4/97</b>	DATE COMPLETED <b>4/4/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (feet)					
				2.0		CL	7.5YR 3/4	CLAY: dark brown, stiff, damp, moderately plastic, trace of fine to medium sand
				10.4		CL	7.5YR 3/2	Sandy CLAY: dark brown, very stiff, moist, moderately plastic, fine sand
				10.4		SC	2.5YR 4/4	Clayey Fine SAND: reddish brown, very stiff, moist, moderately plastic
				14.5		SM	2.5YR 5/4	Silty SAND: light olive brown, medium stiff, moist, slightly plastic, trace of clay
				14.5				
				18.7		SC	2.5YR 4/4	Clayey Fine SAND: reddish brown, soft, moist, slightly plastic
								Boring terminated at 26 feet.

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-12</b>	
DRILLING COMPANY <b>Layne Environmental</b>			DRILLER <b>Reuben Gonzales</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Geoprobe 5400</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>D. Schneeberger</b>					DATE STARTED <b>4/4/97</b>	DATE COMPLETED <b>4/4/97</b>

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
				2.0		SC	2.5Y 5/4	Sand and Gravel paving Clayey Fine SAND: light olive brown, stiff, moist, moderately plastic
				5		CL	5YR 4/2	CLAY: dark reddish gray, stiff, moist, moderately plastic, trace of fine sand
						SC	2.5Y 5/4	Clayey Fine SAND: light olive brown, stiff, moist, moderately plastic
						CL	5YR 4/2	CLAY dark reddish gray, stiff, moist, moderately plastic, trace of fine sand
				0	10	SC	2.5YR 4/4	Clayey Fine SAND: reddish brown, medium stiff to stiff, moist to very moist, moderately plastic, trace of medium
				0	15	SC	2.5YR 4/4	increasing clay
				0	20			
				6.2	25			
								Boring terminated at 26 feet.
					30			
					35			
					40			

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>		Boring Name <b>2BB-SA-NE-13</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>26 feet</b>
		DATE STARTED <b>4/7/97</b>
		DATE COMPLETED <b>4/7/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (in)					
					5.3		ML	10YR 4/4	Clayey SILT: dark yellow brown, stiff, slightly moist
					5.8			10YR 3/3	dark brown, stiff, dry
					5			10YR 4/6	dark yellow brown, stiff, slightly moist
					5.4			10YR 4/4	dark yellow brown, stiff, slightly moist
					10				
					15			2.5Y 4/4	olive brown, stiff, slightly moist
					20				
					25		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, firm, moist
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>		Boring Name <b>2BB-SA-NE-14</b>
DRILLING COMPANY <b>Quaternary Investigations</b>	DRILLER <b>Joe Abreau</b>	Project Name <b>Douglas Aircraft</b>
DRILLING METHOD (S) <b>Earth Probe</b>	DRILL BIT (S) SIZE <b>1.5 inches</b>	Project Number <b>974002.00</b>
DEPTH TO WATER <b>Not Encountered</b>		ELEVATION <b>Not Surveyed</b>
LOGGED BY <b>J. Knight</b>		TOTAL DEPTH <b>26 feet</b>
		DATE STARTED <b>4/7/97</b>
		DATE COMPLETED <b>4/7/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (ft)					
				3.7			ML	10YR 3/2	Sandy SILT: very dark gray brown, fine sand, some clay black and oily from 1 to 1.1 feet, firm, dry
				7.4					very dark gray brown, unidentified odor, stiff, dry
				37	5			5Y 4/3 2.5Y 4/4	olive (discolored), fuel-like odor olive brown, no odor
				3.1	10		ML	2.5Y 5/4	Clayey SILT: light olive brown, some fine sand, stiff, slightly moist, slight hydrocarbon odor
				4.7	15		ML	2.5Y 3/3	Sandy SILT: dark olive brown, fine sand, stiff, slightly moist
				5.6	20		ML	2.5Y 4/3	Clayey SILT: olive brown, stiff, slightly moist
				5.7	25		ML	2.5Y 5/4	Sandy SILT: light olive brown, firm, dry, fine sand
					30				Boring terminated at 26 feet.
					35				
					40				

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-15</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/8/97</b>	
					TOTAL DEPTH <b>26 feet</b>	
					DATE COMPLETED <b>4/8/97</b>	

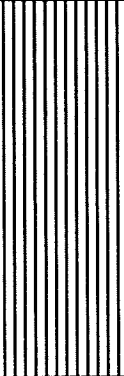
SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
				10.7		ML	10YR 2/2	Clayey SILT: very dark brown, trace of fine sand, firm slightly moist
				10.4		CL	10YR 3/3	Silty CLAY: dark brown, firm, moist
				5		ML	10YR 3/3 2.5Y 4/4	Clayey SILT: dark yellow brown, trace of fine sand, stiff, slightly moist olive brown, very stiff, slightly moist
				8.9		CL	2.5Y 4/4	Silty CLAY: olive brown, very stiff, slightly moist
				15		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, stiff, slightly moist
				12.1		ML	2.5Y 5/4	grades to SILT: light olive brown, trace of fine sand, firm, moist
				6.6		ML	2.5Y 4/4	grades to Sandy SILT: olive brown, fine sand, firm, moist
				30				Boring terminated at 26 feet.
				35				
				40				



# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>					Boring Name <b>2BB-SA-NE-16</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>			DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>			DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>					ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>10 feet</b>
LOGGED BY <b>J. Knight</b>					DATE STARTED <b>4/8/97</b>	DATE COMPLETED <b>4/8/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (spm)					
				12.0		ML	10YR 3/3  2.5Y 4/4	Clayey SILT: dark brown, firm, moist  slightly moist	
				12.5				olive brown, soft, moist  some fine sand	
				12.3					
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

# Boring Log

Kennedy/Jenks Consultants

BORING LOCATION <b>Supplemental Area Northeast</b>						Boring Name <b>2BB-SA-NE-17</b>	
DRILLING COMPANY <b>Quaternary Investigations</b>				DRILLER <b>Joe Abreau</b>		Project Name <b>Douglas Aircraft</b>	
DRILLING METHOD (S) <b>Earth Probe</b>				DRILL BIT (S) SIZE <b>1.5 inches</b>		Project Number <b>974002.00</b>	
DEPTH TO WATER <b>Not Encountered</b>						ELEVATION <b>Not Surveyed</b>	TOTAL DEPTH <b>26 feet</b>
LOGGED BY <b>J. Knight</b>						DATE STARTED <b>4/24/97</b>	DATE COMPLETED <b>4/24/97</b>

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space Reading (gpm)					
					7.4	CL	10YR 2/1	Silty CLAY: black, stiff, slightly moist, creosote odor	
					5.1	ML	2.5Y 3/3	Clayey SILT: dark olive brown, firm, slightly moist	
					5		10YR 4/6	dark yellow brown, firm, slightly moist	
							2.5Y 5/6	light olive brown, decreasing clay, firm, slightly moist	
					4.7				
					10				
					5.6		2.5Y 5/4	light olive brown, decreasing clay, stiff, slightly moist	
					4.6	ML	5Y 5/3	Sandy SILT: olive, fine sand, stiff, slightly moist, slight odor	
					25		2.5Y 5/4	light olive brown, slight odor	
					30			Boring terminated at 26 feet.	
					35				
					40				